

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,479,282 B2
APPLICATION NO. : 10/751702
DATED : January 20, 2009
INVENTOR(S) : Tuomanen et al.

Page 1 of 5

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 109 through 113, the SEQ ID NO 40 should read

-- <210> 40

<211> 437

<212> PRT

<213> Artificial Sequence

<220>

<223> consensus sequence

<400> 40

Ala	Val	Ala	Ser	Leu	Val	Met	Gly	Ser	Val	Val	His	Ala	Thr	Glu	Asn
1				5				10						15	

Glu	Val	Thr	Thr	Gln	Val	Ala	Thr	Ser	Ser	Asn	Arg	Ala	Asn	Glu	Ser
		20					25						30		

Gln	Thr	Glu	His	Arg	Lys	Ala	Ala	Lys	Gln	Val	Asp	Glu	Tyr	Ile	Lys
	35					40					45				

Lys	Met	Leu	Gln	Leu	Asp	Arg	Arg	Lys	His	Thr	Gln	Asn	Val	Ala	Leu
50					55					60					

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Page 2 of 5

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Asn Thr Lys Leu Ser Ala Ile Lys Thr Glu Tyr Leu Asn Gly Leu Ser
65 70 75 80

Val Leu Glu Glu Lys Ser Glu Ala Glu Leu Pro Ser Glu Ile Lys Ala
85 90 95

Lys Leu Asp Ala Ala Phe Glu Gln Phe Lys Lys Asp Thr Leu Pro Thr
100 105 110

Glu Pro Gly Lys Lys Val Ala Glu Ala Glu Lys Lys Val Glu Glu Ala
115 120 125

Lys Lys Lys Ala Glu Asp Gln Lys Glu Glu Asp Arg Arg Asn Tyr Pro
130 135 140

Thr Ile Thr Tyr Lys Thr Leu Glu Leu Glu Ile Ala Glu Ser Asp Val
145 150 155 160

Glu Val Lys Lys Ala Glu Leu Glu Leu Val Lys Glu Glu Ala Lys Glu
165 170 175

Ser Arg Asp Glu Gly Lys Ile Asn Gln Ala Lys Ala Lys Val Glu Ser
180 185 190

Lys Lys Ala Glu Ala Thr Arg Leu Lys Lys Ile Lys Thr Asp Arg Glu
195 200 205

Lys Ala Glu Glu Glu Ala Lys Arg Arg Ala Asp Ala Lys Leu Gln Glu
210 215 220

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Page 3 of 5

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Ala Asn Val Ala Ser Glu Gln Asp Lys Pro Lys Gly Arg Ala Lys Arg
225 230 235 240

Gly Val Pro Gly Glu Leu Ala Thr Pro Asp Lys Lys Glu Asn Asp Ala
245 250 255

Lys Ser Ser Asp Ser Ser Val Gly Glu Glu Thr Leu Pro Ser Pro Ser
260 265 270

Leu Lys Pro Glu Lys Lys Val Ala Glu Ala Glu Lys Lys Val Glu Glu
275 280 285

Ala Lys Lys Lys Ala Glu Asp Gln Lys Glu Glu Asp Arg Arg Asn Tyr
290 295 300

Pro Thr Asn Thr Tyr Lys Thr Leu Glu Leu Glu Ile Ala Glu Ser Asp
305 310 315 320

Val Glu Val Lys Lys Ala Glu Leu Glu Leu Val Lys Glu Glu Ala Lys
325 330 335

Glu Ser Arg Asn Glu Glu Lys Val Lys Gln Ala Lys Ala Glu Val Glu
340 345 350

Ser Lys Lys Ala Glu Ala Thr Arg Leu Glu Lys Ile Lys Thr Asp Arg
355 360 365

Lys Lys Ala Glu Glu Glu Ala Lys Arg Lys Ala Ala Glu Glu Asp Lys
370 375 380

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Page 4 of 5

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```
Val Lys Glu Lys Pro Ala Glu Gln Pro Gln Pro Ala Pro Ala Pro Gln
385                               390                               395                               400

Pro Glu Lys Pro Ala Glu Glu Pro Glu Asn Pro Ala Pro Ala Pro Pro
                               405                               410                               415

Lys Pro Glu Asn Pro Ala Glu Gln Pro Lys Ala Glu Lys Pro Ala Asp
                               420                               425                               430

Gln Gln Ala Glu Glu
435
```

Column 113, after SEQ ID NO 40 and before the claims, add

```
-- <210> 41
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<221> misc_feature
<222> 15
<223> r = A or G

<221> misc_feature
<222> 18
<223> y = C or T
```

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Page 5 of 5

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<221> misc_feature
<222> 21
<223> r = A or G

<400> 41
ggc gga tcc atg gar aay gar gg

23

<210> 42
<211> 33
<212> DNA
<213> Artificial Sequence

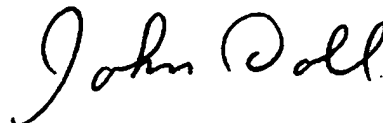
<220>
<223> Oligonucleotide primer

<400> 42
gcc gtc gac tta gtt tac cca ttc acc att ggc

33 --

Signed and Sealed this

Second Day of June, 2009



JOHN DOLL
Acting Director of the United States Patent and Trademark Office